

DT15 R PCT/PTO 17 MAR 2005

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|--------------------------|-----------------------------------|------------|
| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | Complete If Known | | |
| | | | Application Number | Not Yet Assigned 10/528070 | |
| | | | Filing Date | Concurrently Herewith | |
| | | | First Named Inventor | Akio Aoyama | |
| | | | Art Unit | N/A | |
| | | | Examiner Name | Not Yet Assigned | |
| Sheet | 1 | of | 1 | Attorney Docket Number | Y1929.0106 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|-----------------------------------|--|---|-------------------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| CL | BA | JP-2-135884-A | 11-13-1990 | | Cited in the specification | |
| CL | BB | JP-2001-095040-A | 03-29-2002 | LUCENT TECHNOL INC | Cited in the specification | <input checked="" type="checkbox"/> |
| CL | BC | JP-11-166964-A | 06-22-1999 | NEC ENG LTD | Cited in the specification | <input checked="" type="checkbox"/> |
| CL | BD | JP-2001-251134-A | 09-14-2001 | NIPPON TELEGR & TELEPH CORP | | <input checked="" type="checkbox"/> |
| CL | BE | JP-10-112681 | 04-28-1998 | OKI ELECTRIC IND CO LTD | Cited in the International Search Report | <input checked="" type="checkbox"/> |
| CL | BF | JP-2000-269723 | 09-29-2000 | LUCENT TECHOL INC | Cited in the International Search Report | <input checked="" type="checkbox"/> |
| CL | BG | JP-2002-204468-A | 07-19-2002 | SCOREBOARD INC | Cited in the International Search Report | <input checked="" type="checkbox"/> |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| CL | CA | Kazuo Morita, et al.; "UHF-tai Toshinai Ido Musen Kairo no Sekkeiho"; 1995 Nen The Institute of Electronics, Information and Communication Engineers Sogo Taikai Koen Ronbunshu B-372, 1995 (Cited in the International Search Report) | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|-----------------------|--------------------------|--------------------|----------|
| Examiner Signature | <i>Celeste J. J. Kim</i> | Date Considered | 12/21/05 |
|-----------------------|--------------------------|--------------------|----------|